

PATENT 5

Case Docket No. ASMJP.065AUS Date: November 27, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Michael A. Todd	I hereby certify that this correspondence and al marked attachments are being deposited with the
Appl. No.	:	09/779,397	United States Postal Service as first class mail in an envelope addressed to: United States Paten and Trademark Office, P.O. Box 2327
Filed	:	February 7, 2001	Arlington, VA 22202, on
For	:	LOW DIELECTRIC CONSTANT MATERIALS AND PROCESSES	November 27, 2002 (Date) Joseph J. Mallon, Reg. No. 39,287
Examiner	:	Bret P. Chen	
Group Art Uni	it:	1762	

TRANSMITTAL LETTER

United States Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with one (1) reference.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Joseph J. Mallon Registration No. 39,287 Attorney of Record Customer No. 20,995 (619) 235-8550

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

			 -	<u>ــتــ</u>
Examiner	:	Bret P. Chen)	ED 2002 ROOM
For	:	LOW DIELECTRIC CONSTANT MATERIALS AND PROCESSES)))	RECEIV DEC -5 1700 MAI
Filed	:	February 7, 2001)	10
App. No.	:	09/779,397)	
Applicant	:	Michael A. Todd) Group Art Unit 1762	

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Registration No. 39,287

Attorney of Record

Customer No. 20,995

(619) 235-8550

S:\DOC\$\JOM\JOM-4142.DOC:112702

FORM PTO-1449 U.S. DEPARTMENT OF COMMENCE PATENT ADDITIONAL COMMENTS INFORMATION DISCLOSURE STATEMENT SYMPLICANT SYMPLIC				<u> </u>	1.					
PRICENT MARINER TO DOCUMENT NUMBER DATE NAME CLASS SUBCLASS PLING DATE OF PRICENT OCCUMENTS CAMPINE DATE NAME CLASS SUBCLASS PLING DATE OF PRICENT OCCUMENTS										
APPLICATION TO A STANDARD TO A	IN			MENT						
U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS DATE NAME CLASS SUBCLASS (FADROCPRIATE) FILING DATE (FAPPROCPRIATE) FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE POREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO CLASS SUBCLASS TRANSLATION YES NO DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO DATE DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO DATE DAT	OIPE		APPLICANT							
U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILING DATE (F APPROPRIATE) FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO EXAMINER OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970.	(SHEETS IF NECESS	ARY)						
EXAMINER ODCUMENT NUMBER DATE NAME CLASS SUBCLASS PLINC DATE (FAPPROPRIATE) PLINC DATE (FAPPROPR	DEC 0 3.2	noz roj			February 7, 2001	1762				
EXAMINER ODCUMENT NUMBER DATE NAME CLASS SUBCLASS PLINC DATE (FAPPROPRIATE) PLINC DATE (FAPPROPR	<u> </u>			<u> </u>	U.S. PATENT DOCUMENTS					
EXAMINER NITIAL DOCUMENT NUMBER DATE CONSIDERED DATE CONSIDERE	CEANENA	AEK			0.0.1 A.2.11 0000		, , , , , , , , , , , , , , , , , , , 	·		
FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO EXAMINER INITIAL OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER DATE CONSIDERED PEXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 695, DRAW LINE THROUGH CITATION IF NOT	EXAMINER	DOCU	DOCUMENT NUMBER DATE		NAME	CLASS				
FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO TRANSLATION YES NO AND THE DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER DATE CONSIDERED DATE CONSIDERED TRANSLATION IN NOTION IN THROUGH CITATION IS NO CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION IN THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION IS NOTIONAL SINCENSIDERED TRANSLATION IN THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION IS NOTIONAL SINCENSIDERED TRANSLATION IN THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION I						-				
FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO TRANSLATION YES NO AND THE DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER DATE CONSIDERED DATE CONSIDERED TRANSLATION IN NOTION IN THROUGH CITATION IS NO CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION IN THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION IS NOTIONAL SINCENSIDERED TRANSLATION IN THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION IS NOTIONAL SINCENSIDERED TRANSLATION IN THROUGH CITATION IS NOTIONAL SINCENSIDERED TRANSLATION I										
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO EXAMINER OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Warma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER DATE CONSIDERED DATE CONSIDERED TRANSLATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IF NOT CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN CONFORMANCE WITH MPEP 909 DRAW LINE THROUGH CITATION IS IN										
FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO EXAMINER OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) EXAMINER Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER DATE CONSIDERED DATE C							اب حب			
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO THE DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER DATE CONSIDERED DATE CONSIDERED PEXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPER 909, DRAW LINE THROUGH CITATION IF NOT			····						시 기	
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. S:DOCSUOMJOM-4 N-10 DOC:112702 EXAMINER DATE CONSIDERED DATE CONSIDERED TEXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT								1	큐	
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO EXAMINER INITIAL DATE DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) EXAMINER OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) SI, DOCSIJOMIJOM 4 PAS DOC:112702 EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT						 	1		<u> </u>	
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO AND AND AND TRANSLATION YES NO AND TRANSLATION TO A TO			# · · · ·		and the second s			23 23	''' 	
FOREIGN PATENT DOCUMENTS EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) EXAMINER INITIAL (PAGES) CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. DATE CONSIDERED DATE CONSIDERED DATE CONSIDERED TEXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT										
EXAMINER INITIAL DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO TRANSLATION YES NO OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. S:DOCSUOMIJOM-4743 DDC:112702 EXAMINER DATE CONSIDERED DATE CONSIDERED TEXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT			***	<u> </u>			1			
EXAMINER: OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER: DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT				FO	PREIGN PATENT DOCUMENTS		1			
EXAMINER OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) 1. Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT	1 1	DOCL	IMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
INITIAL INCREMENTAL INCREMENTA	INTIAL							YES	NO	
INITIAL INCREMENTAL INCREMENTA										
INITIAL Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. S:\DOCS\JOM\JOM-4743.DOC:112702 EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT										
INITIAL Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. S:\DOCS\JOM\JOM-4743.DOC:112702 EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT						-				
INITIAL Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. S:\DOCS\JOM\JOM-4743.DOC:112702 EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT										
INITIAL Varma, Ravi, "Organosilyation: Synthesis and Characterization of Silymethyl Methyl Ether," INORG. NUCL. CHEM. LETTERS, Vol. 6, pp. 9-14, 1970. S:\DOCS\JOM\JOM-4743.DOC:112702 EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT										
INITIAL INCREMENTAL INCREMENTA									<u> </u>	
S:\DOCS\JOM\JOM-4743.DOC:112702 EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT			ОТІ	IER DOCUMENTS	(INCLUDING AUTHOR, TITLE, DATE, PERTINE	ENT PAGES,	ETC.)			
EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT	1. 6					nethyl Me	thyl Ether,	" INORG	. NUCL.	
EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT										
EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT										
EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT										
EXAMINER DATE CONSIDERED *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT			\							
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT	S:\DOCS\JO	M\JOM-4743.[DC:112702			١	ľ			
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT	EXAMINER	11			DATE CONSIDERED	17/12	102			
	*EXAMINER:	INITIAL IF CITA	TION CONSIDERED,	WHETHER OR NO	OT CITATION IS IN CONFORMANCE WITH MPE	P 609; DRA	V LINE THROU	IGH CITATIO	ON IF NOT	